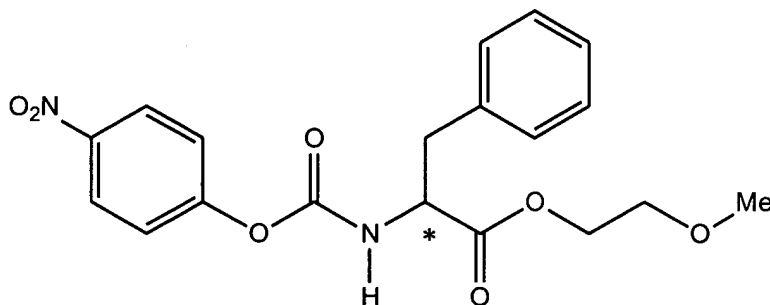


Amendments to the Claims

Claims 1-25 cancelled

26. (Previously presented) A reagent of formula



Claims 27-34 cancelled

35. (Currently amended) A reagent comprising a 2- and/or 4-substituted phenyloxy carbonyl group bonded to at least one amino group of an enantiopure amino acid and said enantiopure amino acid further contains at least one carboxyl group and said enantiopure amino acid is selected from the group consisting of **phenylalanine, (1-naphthyl)-alanine, (2-naphthyl)-alanine, (2-indolyl)alanine and (3-indolyl)-alanine;**

~~alanine, valine, norvaline, leucine, norleucine, isoleucine, serine, isoserine, homoserine, threonine, allothreonine, methionine, ethionine, glutamic acid, aspartic acid, asparagine,~~

~~cysteine, cystine, phenylalanine, tyrosine, tryptophane, lysine, arginine, histidine, ornithine, glutamine, citrulline, (1-naphthyl)alanine, (2-naphthyl)alanine, homophenylalanine, (4-chlorophenyl)alanine, (4-fluorophenyl)alanine, (3-pyridyl)alanine, phenylglycine, diaminopimelic acid (2,6-diaminoheptane-1,7-dioic acid), 2-aminobutyric acid, 2-aminotetraline-2-carboxylic acid, erythro- β -methylphenylalanine, threo- β -methylphenylalanine, (2-methoxyphenyl)alanine, 1-amino-5-hydroxyindan-2-carboxylic acid, 2-aminoheptane-1,7-dioic acid, (2,6-dimethyl-4-hydroxyphenyl)alanine, erythro- β -methyltyrosine and threo- β -methyltyrosine;~~

wherein said substituent at the 2 and/or 4 position of said substituted phenyloxy carbonyl group is selected from the group consisting of groups having a negative inductive effect and groups having a negative resonance effect;

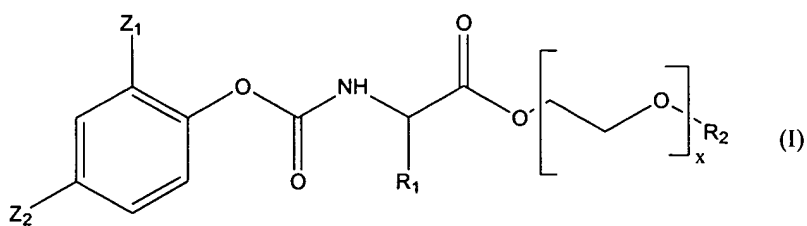
and said carboxyl group in the amino acid is bonded to (a) or (b), wherein

(a) is a substituent comprising at least one ether bond, and

is a substituent comprising a chromophore selected from aromatic systems substituted in the 2 or 4 position by a substituent having a negative inductive effect and a negative resonance effect, (2-anthraquinoyl)methyl, and (9-(9H-fluorenylmethyl)) groups.

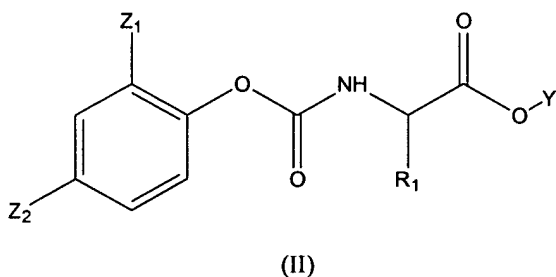
36. (Previously presented) The reagent according to claim 35, in which at least one amino group of the enantiopure amino acid carries on activating group in order to form an active precursor of an isocyanate group.

37. (Previously presented) A reagent corresponding to the general formula (I)

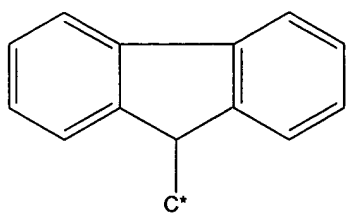


in which Z_1 and/or $Z_2 = \text{NO}_2$, $R_1 = \text{phenyl}$, α - or β -indolyl, 1-naphthyl or 2-naphthyl, $R_2 = \text{Me}$, Et, $\text{C}_3\text{-C}_6$ alkyl or $\text{C}_3\text{-C}_6$ cycloalkyl, and x represents an integer from 1 to 5.

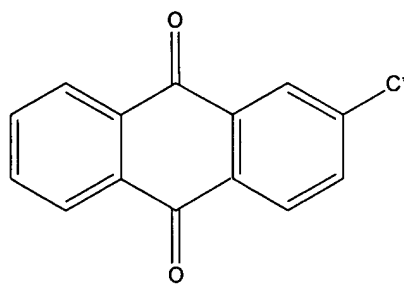
38. (Previously presented) A reagent comprising at least one chromophore, corresponding to the general formula (II)



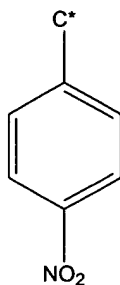
in which Z_1 and/or $Z_2 = \text{NO}_2$, $R_1 = \text{phenyl}$, α - or β -indolyl, 1-naphthyl or 2-naphthyl and Y corresponds to any one of the formulae (III to V),



(III)



(IV)

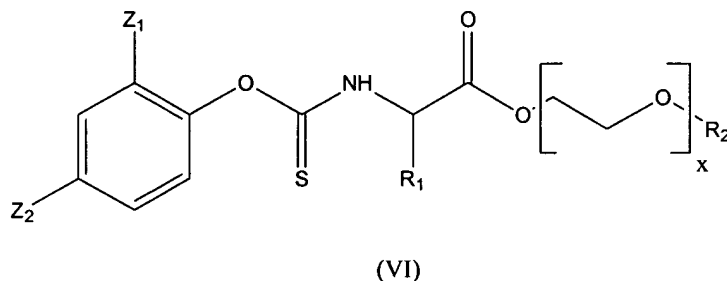


(V)

the carbon by which Y is bonded to the oxygen of the carboxyl group of the enantiopure amino acid being marked by *.

Claim 39 cancelled

40. (Currently amended) ~~The reagent according to claim 35~~ **A reagent** corresponding to the general **formula (VI)**



in which Z_1 and/or $Z_2 = \text{NO}_2$ or F, $R_1 = \text{phenyl}$, α - or β -indolyl, 1-naphthyl or 2-naphthyl, $R_2 = \text{Me}$, Et, $\text{C}_3\text{-C}_6$ alkyl or $\text{C}_3\text{-C}_6$ cycloalkyl, and x represents an integer from 1 to 5.

41. (Previously presented) A solution of the reagent according to claim 35 in a polar organic solvent.
42. (Previously presented) The reagent of claim 35, wherein the carboxyl group is substituted by at least one substituent selected from the group consisting of a hydrophilic substituent

and a substituent comprising at least one chromophore.

43. (Previously presented) The reagent of claim 35, comprising 2-methoxyethyl-(N-4-nitrophenyloxycarbonyl)-phenylalanine.

44. (Previously presented) The reagent of claim 35, wherein at least one of said substituent at the 2- and/or 4- position of the substituted phenyloxy carbonyl is selected from the group consisting of -NO₂, chlorine and fluorine.

Claim 45 cancelled

46. (Currently amended) The reagent of ~~claim 35~~ **claim 38**, wherein Y is selected from the group consisting of alkyl and aryl ethers of mono-, oligo-, or polyalkylene glycols.

47. (Currently amended) The reagent of ~~claim 35~~ **claim 38**, wherein Y is 2-methoxyethyl.

48. (Previously presented) The reagent of claim 35, wherein at least one of said substituent at the 2- and/or 4- position of the substituted phenyloxy carbonyl is selected from the group consisting of -NO₂, -SO₂R, -SO₂OR, -NR₃⁺ and SR₂⁺.

49. (Previously presented) The reagent of claim 35, wherein at least one of said substituent at the 2- and/or 4- position of the substituted phenyloxy carbonyl is selected from the group consisting of -NO₂.

50. (Previously presented) The reagent of claim 35, wherein said substituent having a negative inducting effect and a negative resonance effect is selected from the group consisting of -NO₂, -SO₂R, -SO₂OR, -NR₃⁺ and SR₂⁺.

51. (Previously presented) A reagent comprising a 2- and/or 4-substituted phenyloxy thiocarbonyl group bonded to at least one amino group of an enantiopure amino acid and said enantiopure amino acid further contains at least one carboxyl group and said enantiopure amino acid is selected from the group consisting of alanine, valine, norvaline, leucine, norleucine, isoleucine, serine, isoserine, homoserine, threonine, allothreonine, methionine, ethionine, glutamic acid, aspartic acid, asparagine, cysteine, cystine, phenylalanine, tyrosine, tryptophane, lysine, arginine, histidine, ornithine, glutamine, citrulline, (1-naphthyl)alanine, (2-naphthyl)alanine, homophenylalanine, (4-chlorophenyl)alanine, (4-fluorophenyl)alanine, (3-pyridyl)alanine, phenylglycine, diaminopimelic acid (2,6-diaminoheptane-1, 7-dioic acid), 2-aminobutyric acid, 2-aminotetraline-2-carboxylic acid, erythro- β -methylphenylalanine, threo- β -methylphenylalanine, (2-methoxyphenyl)alanine, 1-amino-5-hydroxyindan-2-carboxylic acid, 2-aminoheptane-1, 7-dioic acid, (2, 6-dimethyl-4-hydroxyphenyl)alanine, erythro- β -methyltyrosine and threo- β -methyltyrosine;
- wherein said substituent at the 2 and/or 4 position of said substituted phenyloxy thiocarbonyl group is selected from the group consisting of groups having a negative inductive effect and groups having a negative resonance effect;
- and said carboxyl group in the amino acid is bonded to (a) or (b), wherein
- (a) is a substituent comprising at least one ether bond, and
 - (b) is a substituent comprising a chromophore selected from aromatic systems substituted in the 2 or 4 position by a substituent having a negative inductive effect and a negative resonance effect, (2-anthraquinoyl)methyl, and (9-(9H-fluorenylmethyl)) groups.

52. (Previously presented) The reagent of claim 51, wherein at least one of said substituent at the 2- and/or 4- position of the substituted phenyloxy carbonyl is selected from the group consisting of $-\text{NO}_2$, chlorine and fluorine.
53. (Previously presented) The reagent of claim 51, wherein said enantiopure amino acid is selected from the group consisting of phenylalanine, (1-naphthyl)-alanine, (2-naphthyl)-alanine, (2-indolyl)alanine and (3-indolyl)-alanine.
54. (Currently amended) The reagent of ~~claim 51~~ **claim 40**, wherein Y is selected from the group consisting of alkyl and aryl ethers of mono-, oligo-, or polyalkylene glycols.
55. (Currently amended) The reagent of ~~claim 51~~ **claim 40**, wherein Y is 2-methoxyethyl.
56. (Previously presented) The reagent of claim 51, wherein at least one of said substituent at the 2- and/or 4- position of the substituted phenyloxy carbonyl is selected from the group consisting of $-\text{NO}_2$, $-\text{SO}_2\text{R}$, $-\text{SO}_2\text{OR}$, $-\text{NR}_3^+$ and SR_2^+ .
57. (Previously presented) The reagent of claim 51, wherein at least one of said substituent at the 2- and/or 4- position of the substituted phenyloxy carbonyl is selected from the group consisting of $-\text{NO}_2$.
58. (Previously presented) The reagent of claim 51, wherein said substituent having a negative inducting effect and a negative resonance effect is selected from the group consisting of $-\text{NO}_2$, $-\text{SO}_2\text{R}$, $-\text{SO}_2\text{OR}$, $-\text{NR}_3^+$ and SR_2^+ .
59. (New) A reagent comprising a 2- and/or 4-substituted phenyloxy carbonyl group bonded to

at least one amino group of an enantiopure amino acid and said enantiopure amino acid further contains at least one carboxyl group and

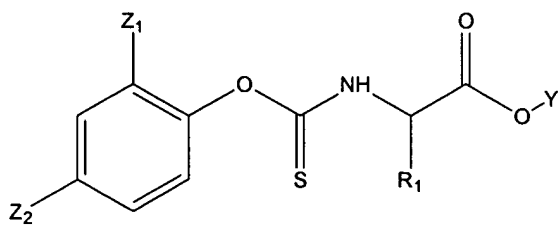
said enantiopure amino acid is selected from the group consisting of alanine, valine, norvaline, leucine, norleucine, isoleucine, serine, isoserine, homoserine, threonine, allothreonine, methionine, ethionine, glutamic acid, aspartic acid, asparagine, cysteine, cystine, phenylalanine, tyrosine, tryptophane, lysine, arginine, histidine, ornithine, glutamine, citrulline, (1-naphthyl)alanine, (2-naphthyl)alanine, homophenylalanine, (4-chlorophenyl)alanine, (4-fluorophenyl)alanine, (3-pyridyl)alanine, phenylglycine, diaminopimelic acid (2,6-diaminoheptane-1, 7-dioic acid), 2-aminobutyric acid, 2-aminotetraline-2-carboxylic acid, erythro- β -methylphenylalanine, threo- β -methylphenylalanine, (2-methoxyphenyl)alanine, 1-amino-5-hydroxyindan-2-carboxylic acid, 2-aminoheptane-1, 7-dioic acid, (2, 6-dimethyl-4-hydroxyphenyl)alanine, erythro- β -methyltyrosine and threo- β -methyltyrosine;

wherein said substituent at the 2 and/or 4 position of said substituted phenyloxy carbonyl group is selected from the group consisting of groups having a negative inductive effect and groups having a negative resonance effect;

and said carboxyl group in the amino acid is bonded to (a) or (b), wherein

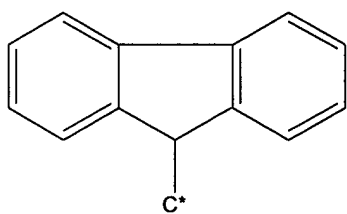
(a) is a substituent comprising at least one ether bond, and

is a substituent comprising at least one chromophore, correspond to the general formula (VII)

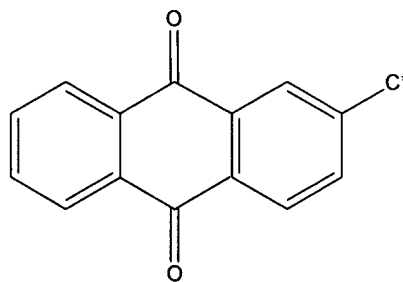


(VII)

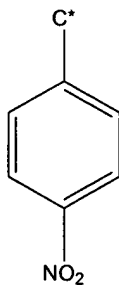
in which Z₁ and/or Z₂ = NO₂, R₁ = phenyl, α- or β-indolyl, 1-naphthyl or 2-naphthyl and Y corresponds to any one of the formulae (III to V),



(III)



(IV)



(V)

the carbon by which Y is bonded to the oxygen of the carboxyl group of the enantiopure amino acid being marked by *.

Serial No. 09/549928

Docket No.: S 99/08 (05129-00058)